

**Aero Design Ltd.****Work Order Control Sheet**Work Order#: 2014-92 Date Opened: 24 Oct 2014 Title: AssemblyAircraft OEM: Bell Aircraft Model: 429 Product Type: Cabin Step Product Model: Standard Quantity: 2-Fixed, 2-QR**Work Order Contents**

Work Order/Build Sheets (Procedures Provided)  
Additional Work Sheets (Standard Practice)  
Drawings (See List Below)  
Parts Distribution Sheet  
Sub Component Tags  
Completed Certification (Original)  
Time Sheet (R&D)  
Notes

Initial or N/A

JR
N/A
JR
JR
N/A
N/A
N/A
N/A

**Build Sheet Contents**

Tasks Initialled  
Dual Inspections Initialled

Initial or N/A

JR
JR

**Drawing List**

Drawing #	Rev #	Description	Initial or N/A
96910	1	Fixed Step	JR
96911	1	Quick Release Step Assy	JR
96921	1	Step Bracket	JR

**Component Completion**

Quantity Complete on This Work Order  
Quantity Incomplete on This Work Order  
Further Processing Required Before Release  
Release to Stock as Components

As Instructed

2/2
N/A
N/A
JR

**Certification**

Form One Completed  
Serviceable (Green) Tag Completed  
In Process (Yellow) Tag Completed  
Unserviceable (Red) Tag Completed  
Parts Tracking (White) Tag Completed  
Parts Placed in Stores for Distribution

Initial or N/A

N/A
N/A
N/A
N/A
JR
JR

**Additional Documentation**

Documentation of a minor change  
Non-Conformance Report Required  
Service Difficulty Report Required

Initial or N/A

N/A
N/A
N/A

**Billing**

Local (Aero Design)  
Research and Development  
Third Party

Initial or N/A

JR
N/A
N/A

**Traveller**

Initial or N/A


Work performed by:

Print: Jeff ClarkeSign: [Signature]SCA: AD02Date: 24-Oct-14

ICC / Dual Inspection performed by:

Print: Jason RekveSign: [Signature]SCA: AD01Date: 24-Oct-14


Work Order closed by:

Print: Jason RekveSign: [Signature]SCA: AD01Date: 24-Oct-14


Approved Manufacturing Facility 73-04

Form 20.D.03

Rev. Original 23 Sep 2014

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.	
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice WO 2014-92	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work	
1.	Fixed Step	96910-01	1	N/A	New	
2.	Quick Release Step	96911-01	1			
12. Remarks						
13a. Certifies that the items identified above were manufactured in conformity to:				14a. <input type="checkbox"/> CAR 571.10 Maintenance Release		
<input checked="" type="checkbox"/> Approved design data and are in condition for safe operation.				<input type="checkbox"/> Other regulation specified in block 12		
<input type="checkbox"/> Non approved design data specified in block 12.				Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature		14c. Approved Organization Number
13d. Name Jeff Clarke - AD02		13e. Date (dd/mmm/yyyy) 02 Nov 2015		14d. Name		14e. Date (dd/mmm/yyyy)
<p style="text-align: center;"><b>Installer Responsibilities</b></p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

B24

1. Approving Civil Aviation Authority/Country <b>Transport Canada</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE FORM ONE</b>			3. Form Tracking No.	
4. Organization Name and Address <b>AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3</b>					5. Work Order/Contract/Invoice <b>WO 2014-92</b>	
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13b. Signature  AD02		13c. Approved Organization Number <b>AMF 73-04</b>		14b. Signature		14c. Approved Organization Number
13d. Name <b>Jeff Clarke - AD02</b>		13e. Date (dd/mmm/yyyy) <b>02 Nov 2015</b>		14d. Name		14e. Date (dd/mmm/yyyy)
<p align="center"><b>Installer Responsibilities</b></p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						



Date Opened: 24 October 2014

Job #: 969  
Project: Cabin Steps  
Type: Bell 429Approval: SH12-58  
Drawing List: DCL969-11

Fabrication and Assembly Drawing(s)	Description
96910, Rev. 0	Fixed Step Assembly
96911, Rev. 0	Quick Release Step Assembly
96920, Rev. 0	Fixed Step Bracket
96920, Rev. 0	Quick Release Step Bracket

Complete material tracking information on attached pages.

## Work Order pre-completion Inspection:

Project is on Approval Limitation Record:	<u>Y</u>
Document Control List revision level matches (or exceeds) STC:	<u>Y</u>
Drawings revision levels match Document Control List:	<u>Y</u>
Purchase order or Work order source is recorded for each part/ass'y:	<u>Y</u>
Tests and inspections specifically called out on drawings are complete:	<u>Y</u>
Release tags associated with all fabricated parts are attached:	<u>Y</u>
All mounting hardware and supplies are included:	<u>Y</u>

List all non-conformities raised: \_\_\_\_\_

  
Inspector Signature:24 Oct 14  
Date:

Drawing: 96910 Revision 0; 96911 Revision 0  
 Assembly: 96910-01, 96911-01  
 Batch Quantity: 2 2

Qty	Part #	Description	Material	P.O.W.O.	Checked
2	96910-01	Fixed Step Assembly			
. A/R	78240	Step Extrusion	6005A-T61 Aluminum	10009	
. 1	96920-01	RH Step Bracket	6061-T6 Aluminum, 4 x 1 bar	14059	
. 1	96920-02	LH Step Bracket	6061-T6 Aluminum, 4 x 1 bar	14057	
. 2	96910-05	Grip Tape	3M Safety Walk 1"	11091	
2	96911-01	Quick Release Step Assembly			
. A/R	78240	Step Extrusion	6005A-T61 Aluminum	10009	
. 1	96921-01	RH Step End	6061-T6 Aluminum, 6 x 1 bar	14059	
. 1	96921-02	LH Step End	6061-T6 Aluminum, 6 x 1 bar	14859	
. 2	96910-05	Grip Tape	3M Safety Walk 1"	11891	
. 4	96710-01	Fitting	Equivalent to Ancra 40088-14	13042	
. 8	AN960-616	Washer			

Processes	Per	Mat'ls Used	Initials
Welding	AMS2685C	ER4043 Rod	AD-05
Powder Coat	Commercial	PO	
Final Inspection	Drawing 96910, 96911		

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

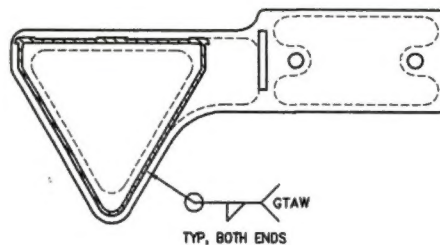
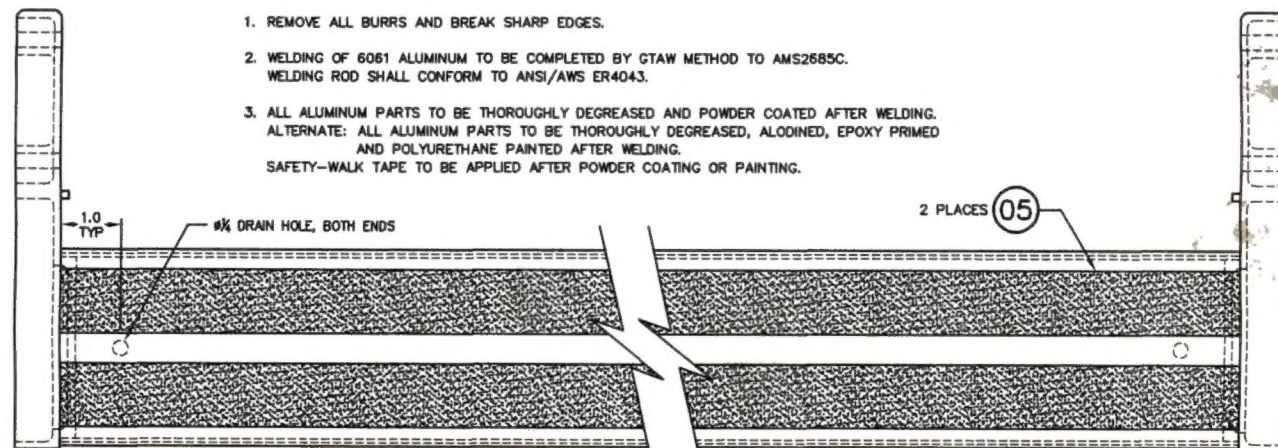
wo 2014-92

2 sets

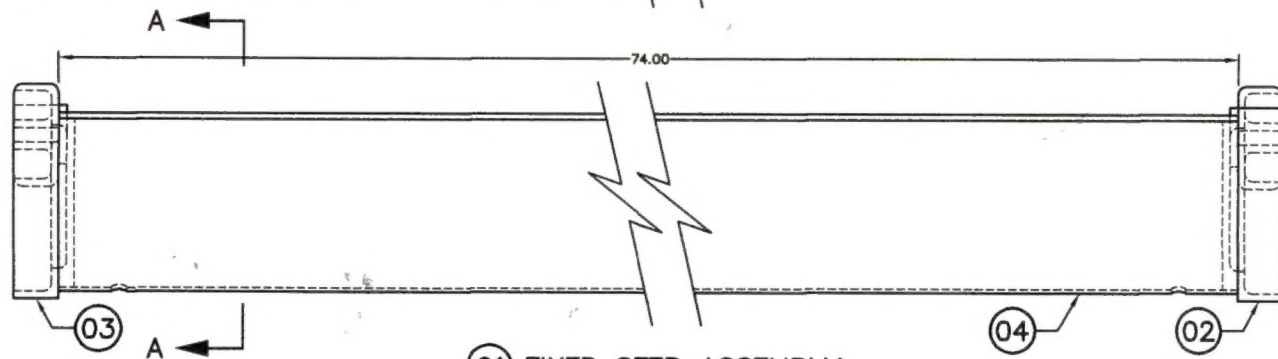
REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		
1	TITLE BLOCK UPDATED; DRAIN HOLES ADDED; NOTE 3	BJC	08/05/2014

# NOTES

1. REMOVE ALL BURRS AND BREAK SHARP EDGES.
2. WELDING OF 6061 ALUMINUM TO BE COMPLETED BY GTAW METHOD TO AMS2685C. WELDING ROD SHALL CONFORM TO ANSI/AWS ER4043.
3. ALL ALUMINUM PARTS TO BE THOROUGHLY DEGREASED AND POWDER COATED AFTER WELDING. ALTERNATE: ALL ALUMINUM PARTS TO BE THOROUGHLY DEGREASED, ALODINED, EPOXY PRIMED AND POLYURETHANE PAINTED AFTER WELDING. SAFETY-WALK TAPE TO BE APPLIED AFTER POWDER COATING OR PAINTING.



SECTION A-A



01 FIXED STEP ASSEMBLY

QTY	PART NO.	ITEM	DESCRIPTION	MATERIAL
2	96910-05	05	SAFETY-WALK TAPE (1" WIDE)	3M
A/R	78240	04	STEP EXTRUSION	
1	96920-02	03	LH BRACKET	
1	96920-01	02	RH BRACKET	
	96910-01	01	FIXED STEP ASSEMBLY	

LIST OF MATERIALS

NOTICE  
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APPROVALS	DATE
DRAWN: JEFF CLARKE	14 SEPT 2012
CHECKED: E. BURGON	04 DEC 2012

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES.  
TOLERANCES ON:  
DECIMALS ANGLES  
X.XXX ±0.010 ±1/2°  
X.XX ±0.03  
X.X ±0.1



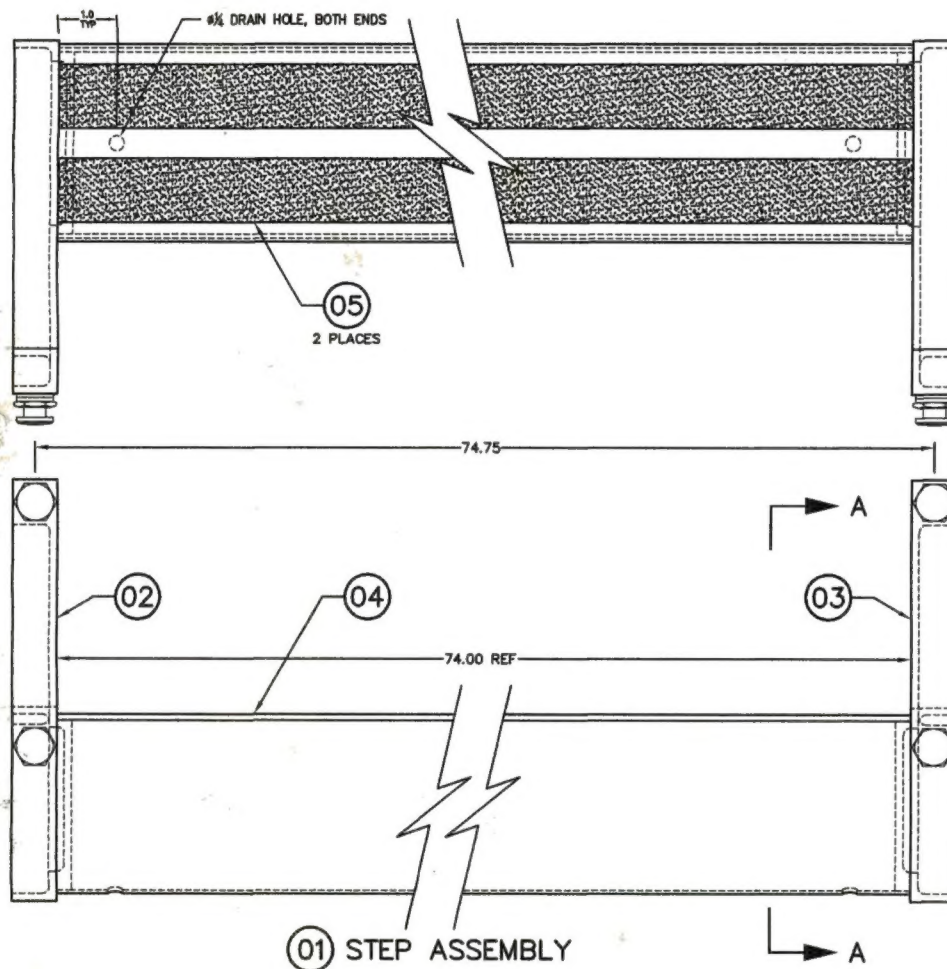
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9868A MALASPINA ROAD  
POWELL RIVER, BC, CANADA, V8A 0G3  
TEL: 604.483.2376 www.aerodesign.ca

**BELL 429  
CABIN STEPS  
FIXED STEP ASSEMBLY**

SCALE 1 : 2	DWG. SIZE	DWG. NO.	REV.
SHEET 1 OF 1	A3	96910	1



WO 2014-54  
2014-92 JK

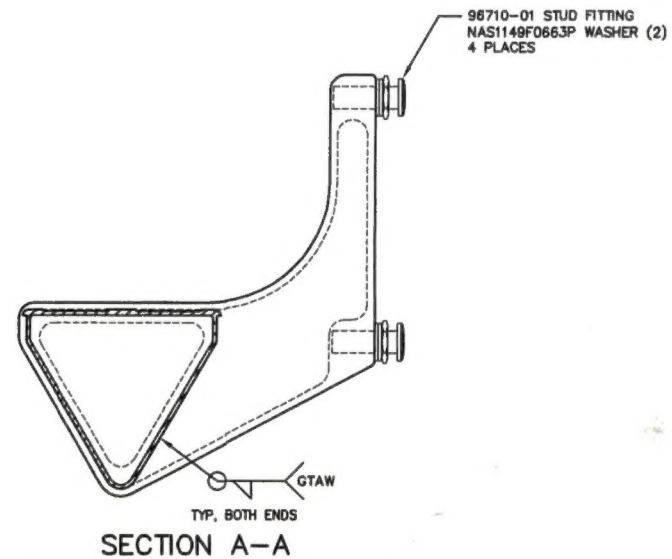


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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		
1	TITLE BLOCK UPDATED; DRAIN HOLES ADDED; NOTE 3	BJC	08/05/2014

#### NOTES

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QTY	PART NO.	ITEM	DESCRIPTION	MATERIAL
8	NAS1149F0663P		WASHER	
4	96710-01		STUD FITTING	ALT: ANORA 400BB-14
2	96911-05	05	SAFETY-WALK TAPE (1" WIDE)	3M
A/R	78240	04	EXTRUSION	
1	96921-02	03	LH STEP BRACKET	
1	96921-01	02	RH STEP BRACKET	
	96911-01	01	STEP ASSEMBLY	
QTY	PART NO.	ITEM	DESCRIPTION	MATERIAL

APPROVALS	DATE
DRAWN: JEFF CLARKE	28 NOV 2012
CHECKED: E. BURGAIN	04 DEC 2012
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:	
DECIMALS	ANGLES
X.XXX ±0.010	±1/2°
X.XX ±0.03	
X.X ±0.1	



**AERO DESIGN LTD.**

9888A MALASPINA ROAD  
POWELL RIVER, BC, CANADA, V8A 0G3  
TEL: 804-488-2576 www.aerodesign.ca

BELL 429  
CABIN STEPS  
QUICK RELEASE STEP ASSEMBLY

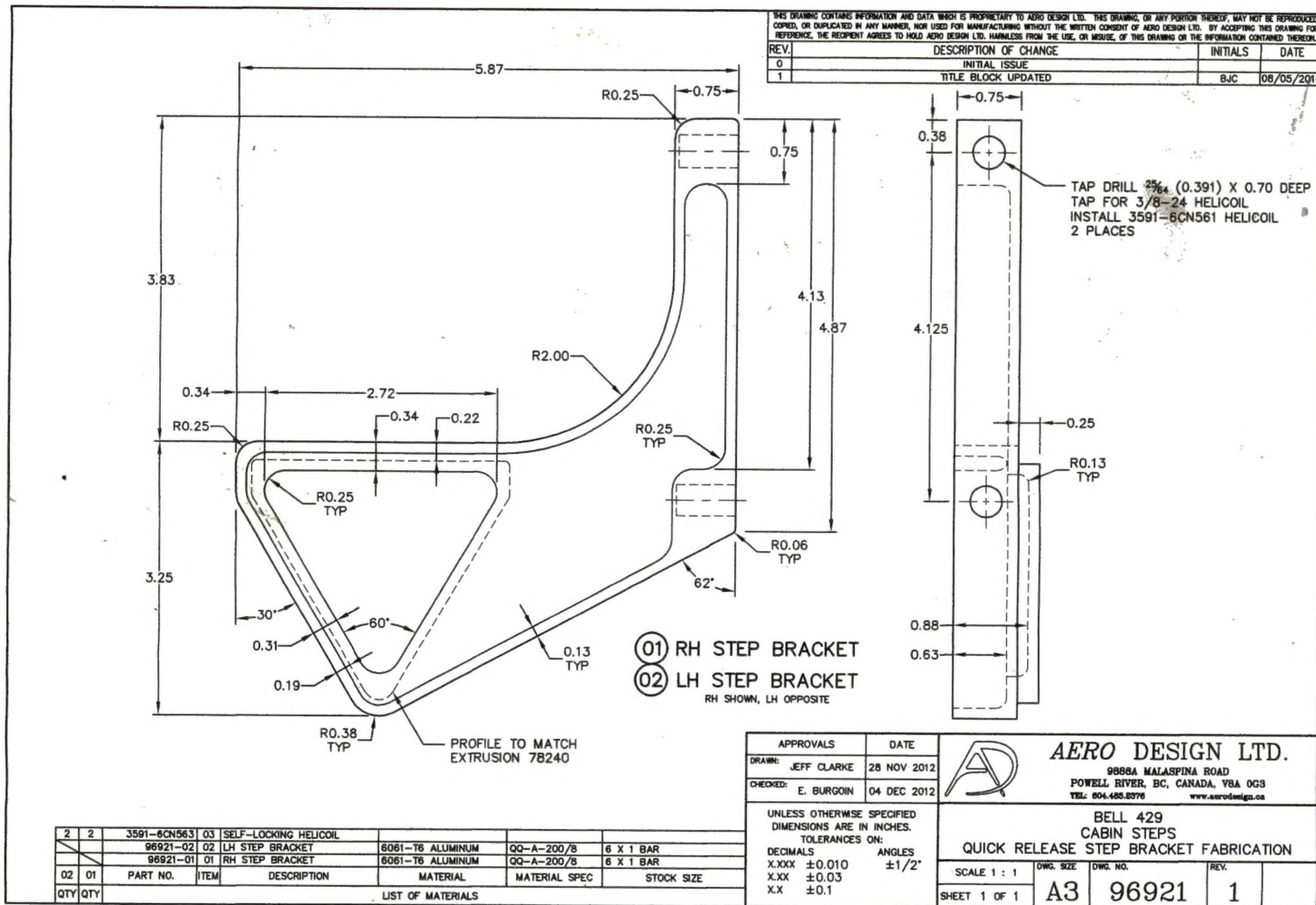
SCALE 1 : 2	DWG. SIZE	DWG. NO.	REV.
SHEET 1 OF 1	A3	96911	1

WD 2014-89  
2014-92 JC

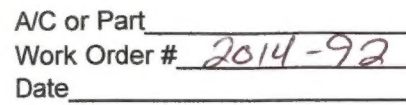
6x1 @ 23 long

x1

PO #14059





Rev. Original 1 Mar 2013